MOBILE TOUR GUIDE SERVICE SYSTEM (MTGS)

FOR BALI

A Thesis submitted to the college Arts and Sciences in partial fulfillment of

the requirement for the degree master of science

(Information technology)

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ABSTRACT

Mobile device and other handled device have offered many types of applications, some of them associate with wireless technologies to provide more constructive application in order to support our daily life activities at any time and at any place. This study aims to develop a prototype system for Mobile Guide Service in Bali (Indonesia) focusing how people especially for tourists and citizen can get information about how to plan a trip to Bali using WAP as a standard internet provider communications. Through the WAP application, people can access information that they need about hotel in Bali and also booking room on the chosen hotel, restaurant that available in specific area, tour provider that they can choose, and also complete with pictures of some view in Bali.

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application that already associates with technologies to provide more constructive application in order to assist user's daily activities. Those mobile devices are increasingly playing an important role to the user. The flexibility and mobility of handled computers make them ideally suited to make light the role of service tool and using the tool to access some information.

Relatively many initiatives have been found in the area of mobile Tourism. It makes mobile innovative become importing in service area especially for guiding people who want to go to any places they like. Paganelli, et al (2009) explained that Tourism is a challenging domain for the development of location-based services providing personalized and mobile assistance and information services to tourist. Hence, a growing body of commercial and research initiatives that incorporate electronic tourist guide functionality into mobile devices have been reported (Kray, et al., 2003).

The vision of nomadic users having seamless, worldwide access to a range of tourist services is expected to become a reality within only a few years from now. Hence, the concept of ''mobile tourism'' has recently emerged wherein users access tourist content through mobile devices (Brown B, et al, 2003). Several mobile guides have been developed in the last decades, but several weaknesses still exist. Based on Schwinger (2008), et al, a number of state-of-the art mobile guides and highlighted a set of issues to be faced in the development of next-generation mobile guides.

The contents of the thesis is for internal user only

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